EX05-005patentin.txt
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<150>   US60/539,837
<151>   2004-01-28

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gggtggtgcc  accggagccc  cggcccagct  tcttctccat  ctccccgcag  gactgccagt      420

ttgcttttggg  gggccggggt  cagaagccag  agctgcagat  gctcactgtg  tcggaggagc      480

tgccgtttga  caacgtggat  ggtggtgtgt  ggaggcaagg  cttcgacatc  tcctacgacc      540

cgcacgactg  ggatgctgaa  gacctgcagg  tgtttgtggt  gccccactct  cacaatgacc      600

caggctggat  caagaccttt  gacaagtact  acacagagca  gacccaacac  atcctcaata      660

gcatggtgtc  taagctgcag  gaggaccccc  ggcggcgctt  cctctgggca  gaggtctcct      720

tcttcgccaa  gtggtgggac  aacatcaatg  tccaaaagag  agcggcagtc  cgaaggctgg      780

tgggaaacgg  gcagctggag  attgcgacag  gaggctgggt  gatgccagat  gaggccaatt      840
```

EX05-005patentin.txt

```
cccactactt tgcattgatt gaccagctca tcgaaggaca ccagtggctg gagagaaatc    900

ttggtgcaac cccccgctct ggctgggcag tggacccctt tggatacagc tccaccatgc    960

cttacctgct gcgccgtgcc aacctcacca gcatgctgat tcagagagtg cactatgcca   1020

tcaagaagca ctttgctgcc acccacagcc tagagttcat gtggaggcag acatgggact   1080

cggactccag cacagacatc ttctgtcaca tgatgccctt ctacagctat gacgtccccc   1140

atacctgtgg cccagatccc aagatctgct gccaatttga tttcaaacgc ctgcctggtg   1200

ggcgcatcaa ctgcccttgg aaggtgccac cccgggccat cacagaggcc aacgtggcag   1260

agagggcagc cctgcttctg gaccaatacc ggaagaagtc ccagctgttc cgaagcaacg   1320

tcctcctggt gcctcttgga gatgacttcc gatatgacaa gccccaggag tgggatgccc   1380

agttcttcaa ctaccaacgg ctctttgact tcttcaacag caggcctaac ctccatgtgc   1440

aggcccagtt tggcactctt tctgactatt ttgatgccct gtacaagagg acaggggtgg   1500

agccaggggc ccggcctcca gggtttcctg tgctgagcgg ggatttcttc tcctatgcgg   1560

accgggagga tcattactgg acaggctatt acacttcccg gcccttctac aagagcttag   1620

accgagtcct ggaagcccac ctgcgggggg cagaggttct gtacagcctg gctgcagctc   1680

acgctcgccg ctctggtctg gctggccggt acccactgtc tgatttcacc ctcctgacgg   1740

aagctcggcg cacattgggg ctcttccagc atcacgatgc catcactggc acggccaagg   1800

aggctgtggt ggtggactat ggggtcaggc ttctgcgctc ccttgtcaac ctgaagcagg   1860

tcatcattca tgcagcccac tatctggtgc tggggggacaa ggagacctac cactttgacc   1920

ctgaggcgcc cttcctccaa gtggatgaca ctcgcttaag tcacgacgcc ctcccagagc   1980

gcacggtgat ccagctggat tcctcgccca ggtttgtggt cctattcaac ccactggaac   2040

aggagcgatt cagcatggtg tccctgctgg tcaactctcc ccgcgtgcgt gtcctttcgg   2100

aggagggtca gcccctggcc gtgcagatca gcgcacactg gagctctgcc accgaggcgg   2160

tccctgacgt ctaccaggtg tctgtgcctg tccgcctgcc agccctgggc ctgggcgtgc   2220

tgcagctaca gctgggcctg gatgggcacc gcacgctgcc ctcctctgtg cgcatctacc   2280

tgcacggccg gcagctgtcc gtcagcaggc acgaagcgtt tcctctccgt gtcattgact   2340

ctggcaccag cgacttcgcc ctcagcaacc gctacatgca ggtctggttc tcaggcctta   2400

ctgggctcct caaggggtca gggctgtgtt ttttggcaga gcatccgaag ggtggatgag   2460

gagcacgagc agcaggtgga catgcaggtc cttgtctatg cacccgtac gtccaaagac    2520

aagagtggag cctacctctt cctgcccgat ggcgaggcaa gccctacgtc cccaaggagc   2580

cccccgtgct gcgtgtcact gaaggccctt tcttctcaga ggtggttgcg tactatgagc   2640

acattcacca ggcggtccgg ctttacaatc tgccaggggt ggaggggctg tctctggaca   2700

tatcatccct ggtggacatc cgggactacg tcaacaagga gctggccctg cacatccata   2760

cagacatcga gccagggt gcagccccga cggtatctga agaagctccc cctccaggcc     2820

aacttctacc ccatgccagt catggcctat atccaggacg cacagaagcg cctcacgctg   2880
```

EX05-005patentin.txt

```
cacactgccc aggccctggg tgtctctagc ctcaaagatg gccagctgga ggtgatcttg   2940
gaccggcggc tgatgcagga tgacaaccgg ggcctaggcc aagggctcaa ggacaacaag   3000
agaacctgca accgtttccg cctcctgcta gagcggcgaa ccgtgggcag tgaggtccaa   3060
gatagccact ctaccagcta cccatccctc ctcagccacc tgacctccat gtacctgaac   3120
gccccggcgc tcgctctgcc tgtagccagg atgcagctcc caggccctgg tctgcgctca   3180
tttcatcctc tggcttcctc actgccctgt gacttccacc tgctcaacct acgtacgctc   3240
caggctgagg aggacaccct accctcggcg gagaccgcac tcatcttaca ccgcaagggt   3300
tttgactgcg gcctggaggc caagaacttg ggcttcaact gcaccacaag ccaaggcaag   3360
gtagccctgg gcagcctttt ccatggcctg gatgtggtat tccttcagcc aacctccttg   3420
acgttactgt accctctggc ctccccgtcc aacagcactg acgtctattt ggagcccatg   3480
gagattgcta cctttcgcct ccgcttgggt tagggcttct tgtggcctga agagaaagtt   3540
cattcacaga gactgcctct taacatgaag atcattggac aagccacacg ggtatcccat   3600
cccgatctgc ctcccagaac tgtgacacac tgggctctgc cctcattttc tgtttattgc   3660
tgctgctgtg ttttcggcgc aacccacaaa cccagtgatg ggtaaatagg gcagacgcca   3720
gtgagatcag ggagagaagg cccttggtca gagtgggcag tgccaggctc tgctttgggt   3780
tgtgagtgga cacccaactg ggcacaggct caggcaccca tcctttttcc aaacagggat   3840
atagaagtgg tggaagcaga cagaagaggt aagggaggct aagtgggtaa cagcccagca   3900
tcagggtcac tgtggcaaca gcaggctcta ggggaatcct gtggttatgt agagactcca   3960
tgtcctggtg tgatgagcag gatcagagtg actctgggag gacaggggtg gggacccaga   4020
gttagcagtg gggatggagc agtagaagga atcactgttt ctcctaggag tctgaaggcc   4080
tcgctgcttt ctgtgatggc tttgcagtaa gtgccgcctg gcctgcatgc attggctaac   4140
aggctgcaga atggcaggaa ggactcgcta gagattgtca tggccagaga tcataggtca   4200
cttcaggtag caagacccct ggcaaactgg gcacttggcc tatgtactga tttgtgggat   4260
ggtggcaggg gtgtggggtc cttcaccctg cctgaattct ctttggcttc tgtgctctgt   4320
atgctgctgt ccccaagggc tctttcttat tatggcaggg agtggggatt ggtcctactt   4380
tctttctctg gaaaggaaag cctccaagac tccatgtgct tgggcagctt gagaaggcgt   4440
tcagcaccac gcctagcagg cagaccttga gcctcacctt ttagtctatc tgcagaggta   4500
ttcagttcct ggcacagggg actaggggca tgtagagtat atgaggaggc agtatggctg   4560
tgcaggagcc ttcatttcag cttcaattaa tagggaagaa tttatgatag ctctatagat   4620
gctgaaaagg tatttcgtaa gatttaaaat ccatccctta ttaaaactct tagtaaatta   4680
agtctggaaa gaaacaccct aatctagata aaggtctgtt tcagaaacca acagtgatgg   4740
cattctaaag agtcagacgc cacaggcatt cccattaaag tcagaaacta gccaagggca   4800
agctattatt cagcagtgtc ccggcactac taacccctgc aacaagccag atgaggaaca   4860
taaggaagaa ttataattgt cattatttgt agacaataaa actgcctacc tgtaaaa     4917
```

EX05-005patentin.txt

```
<210>    5
<211>    1143
<212>    PRT
<213>    Homo sapiens

<400>    5
```

Met Lys Leu Ser Arg Gln Phe Thr Val Phe Gly Ser Ala Ile Phe Cys
1   5   10   15

Val Val Ile Phe Ser Leu Tyr Leu Met Leu Asp Arg Gly His Leu Asp
            20   25   30

Tyr Pro Arg Asn Pro Arg Arg Glu Gly Ser Phe Pro Gln Gly Gln Leu
        35   40   45

Ser Met Leu Gln Glu Lys Ile Asp His Leu Glu Arg Leu Leu Ala Glu
    50   55   60

Asn Asn Glu Ile Ile Ser Asn Ile Arg Asp Ser Val Ile Asn Leu Ser
65   70   75   80

Glu Ser Val Glu Asp Gly Pro Lys Ser Ser Gln Ser Asn Phe Ser Gln
                85   90   95

Gly Ala Gly Ser His Leu Leu Pro Ser Gln Leu Ser Leu Ser Val Asp
            100   105   110

Thr Ala Asp Cys Leu Phe Ala Ser Gln Ser Gly Ser His Asn Ser Asp
            115   120   125

Val Gln Met Leu Asp Val Tyr Ser Leu Ile Ser Phe Asp Asn Pro Asp
    130   135   140

Gly Gly Val Trp Lys Gln Gly Phe Asp Ile Thr Tyr Glu Ser Asn Glu
145   150   155   160

Trp Asp Thr Glu Pro Leu Gln Val Phe Val Pro His Ser His Asn
            165   170   175

Asp Pro Gly Trp Leu Lys Thr Phe Asn Asp Tyr Phe Arg Asp Lys Thr
            180   185   190

Gln Tyr Ile Phe Asn Asn Met Val Leu Lys Leu Lys Glu Asp Ser Arg
        195   200   205

Arg Lys Phe Ile Trp Ser Glu Ile Ser Tyr Leu Ser Lys Trp Trp Asp
    210   215   220

Ile Ile Asp Ile Gln Lys Lys Asp Ala Val Lys Ser Leu Ile Glu Asn
225   230   235   240

EX05-005patentin.txt

```
Gly Gln Leu Glu Ile Val Thr Gly Gly Trp Val Met Pro Asp Glu Ala
                245               250               255

Thr Pro His Tyr Phe Ala Leu Ile Asp Gln Leu Ile Glu Gly His Gln
            260               265               270

Trp Leu Glu Asn Asn Ile Gly Val Lys Pro Arg Ser Gly Trp Ala Ile
        275               280               285

Asp Pro Phe Gly His Ser Pro Thr Met Ala Tyr Leu Leu Asn Arg Ala
    290               295               300

Gly Leu Ser His Met Leu Ile Gln Arg Val His Tyr Ala Val Lys Lys
305               310               315               320

His Phe Ala Leu His Lys Thr Leu Glu Phe Phe Trp Arg Gln Asn Trp
            325               330               335

Asp Leu Gly Ser Val Thr Asp Ile Leu Cys His Met Met Pro Phe Tyr
            340               345               350

Ser Tyr Asp Ile Pro His Thr Cys Gly Pro Asp Pro Lys Ile Cys Cys
            355               360               365

Gln Phe Asp Phe Lys Arg Leu Pro Gly Gly Arg Phe Gly Cys Pro Trp
    370               375               380

Gly Val Pro Pro Glu Thr Ile His Pro Gly Asn Val Gln Ser Arg Ala
385               390               395               400

Arg Met Leu Leu Asp Gln Tyr Arg Lys Lys Ser Lys Leu Phe Arg Thr
            405               410               415

Lys Val Leu Leu Ala Pro Leu Gly Asp Asp Phe Arg Tyr Cys Glu Tyr
            420               425               430

Thr Glu Trp Asp Leu Gln Phe Lys Asn Tyr Gln Gln Leu Phe Asp Tyr
            435               440               445

Met Asn Ser Gln Ser Lys Phe Lys Val Lys Ile Gln Phe Gly Thr Leu
450               455               460

Ser Asp Phe Phe Asp Ala Leu Asp Lys Ala Asp Glu Thr Gln Arg Asp
465               470               475               480

Lys Gly Gln Ser Met Phe Pro Val Leu Ser Gly Asp Phe Phe Thr Tyr
            485               490               495

Ala Asp Arg Asp Asp His Tyr Trp Ser Gly Tyr Phe Thr Ser Arg Pro
            500               505               510
```

EX05-005patentin.txt

```
Phe Tyr Lys Arg Met Asp Arg Ile Met Glu Ser His Leu Arg Ala Ala
        515             520             525

Glu Ile Leu Tyr Tyr Phe Ala Leu Arg Gln Ala His Lys Tyr Lys Ile
    530             535             540

Asn Lys Phe Leu Ser Ser Ser Leu Tyr Thr Ala Leu Thr Glu Ala Arg
545             550             555             560

Arg Asn Leu Gly Leu Phe Gln His His Asp Ala Ile Thr Gly Thr Ala
            565             570             575

Lys Asp Trp Val Val Val Asp Tyr Gly Thr Arg Leu Phe His Ser Leu
            580             585             590

Met Val Leu Glu Lys Ile Ile Gly Asn Ser Ala Phe Leu Leu Ile Leu
        595             600             605

Lys Asp Lys Leu Thr Tyr Asp Ser Tyr Ser Pro Asp Thr Phe Leu Glu
    610             615             620

Met Asp Leu Lys Gln Lys Ser Gln Asp Ser Leu Pro Gln Lys Asn Ile
625             630             635             640

Ile Arg Leu Ser Ala Glu Pro Arg Tyr Leu Val Val Tyr Asn Pro Leu
            645             650             655

Glu Gln Asp Arg Ile Ser Leu Val Ser Val Tyr Val Ser Ser Pro Thr
            660             665             670

Val Gln Val Phe Ser Ala Ser Gly Lys Pro Val Glu Val Gln Val Ser
        675             680             685

Ala Val Trp Asp Thr Ala Asn Thr Ile Ser Glu Thr Ala Tyr Glu Ile
    690             695             700

Ser Phe Arg Ala His Ile Pro Pro Leu Gly Leu Lys Val Tyr Lys Ile
705             710             715             720

Leu Glu Ser Ala Ser Ser Asn Ser His Leu Ala Asp Tyr Val Leu Tyr
            725             730             735

Lys Asn Lys Val Glu Asp Ser Gly Ile Phe Thr Ile Lys Asn Met Ile
            740             745             750

Asn Thr Glu Glu Gly Ile Thr Leu Glu Asn Ser Phe Val Leu Leu Arg
        755             760             765

Phe Asp Gln Thr Gly Leu Met Lys Gln Met Met Thr Lys Glu Asp Gly
    770             775             780
```

EX05-005patentin.txt

Lys His His Glu Val Asn Val Gln Phe Ser Trp Tyr Gly Thr Thr Ile
785   790   795   800

Lys Arg Asp Lys Ser Gly Ala Tyr Leu Phe Leu Pro Asp Gly Asn Ala
            805   810   815

Lys Pro Tyr Val Tyr Thr Thr Pro Pro Phe Val Arg Val Thr His Gly
            820   825   830

Arg Ile Tyr Ser Glu Val Thr Cys Phe Phe Asp His Val Thr His Arg
            835   840   845

Val Arg Leu Tyr His Ile Gln Gly Ile Glu Gly Gln Ser Val Glu Val
    850   855   860

Ser Asn Ile Val Asp Ile Arg Lys Val Tyr Asn Arg Glu Ile Ala Met
865   870   875   880

Lys Ile Ser Ser Asp Ile Lys Ser Gln Asn Arg Phe Tyr Thr Asp Leu
            885   890   895

Asn Gly Tyr Gln Ile Gln Pro Arg Met Thr Leu Ser Lys Leu Pro Leu
            900   905   910

Gln Ala Asn Val Tyr Pro Met Thr Thr Met Ala Tyr Ile Gln Asp Ala
            915   920   925

Lys His Arg Leu Thr Leu Leu Ser Ala Gln Ser Leu Gly Val Ser Ser
    930   935   940

Leu Asn Ser Gly Gln Ile Glu Val Ile Met Asp Arg Arg Leu Met Gln
945   950   955   960

Asp Asp Asn Arg Gly Leu Glu Gln Gly Ile Gln Asp Asn Lys Ile Thr
            965   970   975

Ala Asn Leu Phe Arg Ile Leu Leu Glu Lys Arg Ser Ala Val Asn Thr
            980   985   990

Glu Glu Glu Lys Lys Ser Val Ser Tyr Pro Ser Leu Leu Ser His Ile
    995   1000   1005

Thr Ser Ser Leu Met Asn His Pro Val Ile Pro Met Ala Asn Lys
    1010   1015   1020

Phe Ser Pro Thr Leu Glu Leu Gln Gly Glu Phe Ser Pro Leu Gln
    1025   1030   1035

Ser Ser Leu Pro Cys Asp Ile His Leu Val Asn Leu Arg Thr Ile
    1040   1045   1050

EX05-005patentin.txt

Gln Ser Lys Val Gly Asn Gly His Ser Asn Glu Ala Ala Leu Ile
    1055   1060   1065

Leu His Arg Lys Gly Phe Asp Cys Arg Phe Ser Ser Lys Gly Thr
    1070   1075   1080

Gly Leu Phe Cys Ser Thr Thr Gln Gly Lys Ile Leu Val Gln Lys
    1085   1090   1095

Leu Leu Asn Lys Phe Ile Val Glu Ser Leu Thr Pro Ser Ser Leu
    1100   1105   1110

Ser Leu Met His Ser Pro Pro Gly Thr Gln Asn Ile Ser Glu Ile
    1115   1120   1125

Asn Leu Ser Pro Met Glu Ile Ser Thr Phe Arg Ile Gln Leu Arg
    1130   1135   1140

<210>   6
<211>   1139
<212>   PRT
<213>   Homo sapiens

<400>   6

Met Lys Leu Lys Lys Gln Val Thr Val Cys Gly Ala Ala Ile Phe Cys
1   5   10   15

Val Ala Val Phe Ser Leu Tyr Leu Met Leu Asp Arg Val Gln His Asp
            20   25   30

Pro Thr Arg His Gln Asn Gly Gly Asn Phe Pro Arg Ser Gln Ile Ser
        35   40   45

Val Leu Gln Asn Arg Ile Glu Gln Leu Glu Gln Leu Leu Glu Glu Asn
    50   55   60

His Glu Ile Ile Ser His Ile Lys Asp Ser Val Leu Glu Leu Thr Ala
65   70   75   80

Asn Ala Glu Gly Pro Pro Ala Met Leu Pro Tyr Tyr Thr Val Asn Gly
                85   90   95

Ser Trp Val Val Pro Pro Glu Pro Arg Pro Ser Phe Phe Ser Ile Ser
            100   105   110

Pro Gln Asp Cys Gln Phe Ala Leu Gly Gly Arg Gly Gln Lys Pro Glu
            115   120   125

Leu Gln Met Leu Thr Val Ser Glu Glu Leu Pro Phe Asp Asn Val Asp
    130   135   140

Gly Gly Val Trp Arg Gln Gly Phe Asp Ile Ser Tyr Asp Pro His Asp

14/18

EX05-005patentin.txt

```
145                    150                    155                    160

Trp Asp Ala Glu Asp Leu Gln Val Phe Val Val Pro His Ser His Asn
                165                170                175

Asp Pro Gly Trp Ile Lys Thr Phe Asp Lys Tyr Tyr Thr Glu Gln Thr
                180                185                190

Gln His Ile Leu Asn Ser Met Val Ser Lys Leu Gln Glu Asp Pro Arg
                195                200                205

Arg Arg Phe Leu Trp Ala Glu Val Ser Phe Phe Ala Lys Trp Trp Asp
    210                215                220

Asn Ile Asn Val Gln Lys Arg Ala Ala Val Arg Arg Leu Val Gly Asn
225                230                235                240

Gly Gln Leu Glu Ile Ala Thr Gly Gly Trp Val Met Pro Asp Glu Ala
                245                250                255

Asn Ser His Tyr Phe Ala Leu Ile Asp Gln Leu Ile Glu Gly His Gln
                260                265                270

Trp Leu Glu Arg Asn Leu Gly Ala Thr Pro Arg Ser Gly Trp Ala Val
    275                280                285

Asp Pro Phe Gly Tyr Ser Ser Thr Met Pro Tyr Leu Leu Arg Arg Ala
    290                295                300

Asn Leu Thr Ser Met Leu Ile Gln Arg Val His Tyr Ala Ile Lys Lys
305                310                315                320

His Phe Ala Ala Thr His Ser Leu Glu Phe Met Trp Arg Gln Thr Trp
                325                330                335

Asp Ser Asp Ser Ser Thr Asp Ile Phe Cys His Met Met Pro Phe Tyr
                340                345                350

Ser Tyr Asp Val Pro His Thr Cys Gly Pro Asp Pro Lys Ile Cys Cys
                355                360                365

Gln Phe Asp Phe Lys Arg Leu Pro Gly Gly Arg Ile Asn Cys Pro Trp
    370                375                380

Lys Val Pro Pro Arg Ala Ile Thr Glu Ala Asn Val Ala Glu Arg Ala
385                390                395                400

Ala Leu Leu Leu Asp Gln Tyr Arg Lys Lys Ser Gln Leu Phe Arg Ser
                405                410                415

Asn Val Leu Leu Val Pro Leu Gly Asp Asp Phe Arg Tyr Asp Lys Pro
```

EX05-005patentin.txt

```
                    420                        425                      430

Gln Glu Trp Asp Ala Gln Phe Phe Asn Tyr Gln Arg Leu Phe Asp Phe
        435                 440                 445

Phe Asn Ser Arg Pro Asn Leu His Val Gln Ala Gln Phe Gly Thr Leu
    450                 455                 460

Ser Asp Tyr Phe Asp Ala Leu Tyr Lys Arg Thr Gly Val Glu Pro Gly
465                 470                 475                 480

Ala Arg Pro Pro Gly Phe Pro Val Leu Ser Gly Asp Phe Phe Ser Tyr
            485                 490                 495

Ala Asp Arg Glu Asp His Tyr Trp Thr Gly Tyr Tyr Thr Ser Arg Pro
            500                 505                 510

Phe Tyr Lys Ser Leu Asp Arg Val Leu Glu Ala His Leu Arg Gly Ala
        515                 520                 525

Glu Val Leu Tyr Ser Leu Ala Ala Ala His Ala Arg Arg Ser Gly Leu
    530                 535                 540

Ala Gly Arg Tyr Pro Leu Ser Asp Phe Thr Leu Leu Thr Glu Ala Arg
545                 550                 555                 560

Arg Thr Leu Gly Leu Phe Gln His His Asp Ala Ile Thr Gly Thr Ala
            565                 570                 575

Lys Glu Ala Val Val Val Asp Tyr Gly Val Arg Leu Leu Arg Ser Leu
            580                 585                 590

Val Asn Leu Lys Gln Val Ile Ile His Ala Ala His Tyr Leu Val Leu
        595                 600                 605

Gly Asp Lys Glu Thr Tyr His Phe Asp Pro Glu Ala Pro Phe Leu Gln
    610                 615                 620

Val Asp Asp Thr Arg Leu Ser His Asp Ala Leu Pro Glu Arg Thr Val
625                 630                 635                 640

Ile Gln Leu Asp Ser Ser Pro Arg Phe Val Val Leu Phe Asn Pro Leu
            645                 650                 655

Glu Gln Glu Arg Phe Ser Met Val Ser Leu Leu Val Asn Ser Pro Arg
            660                 665                 670

Val Arg Val Leu Ser Glu Glu Gly Gln Pro Leu Ala Val Gln Ile Ser
        675                 680                 685

Ala His Trp Ser Ser Ala Thr Glu Ala Val Pro Asp Val Tyr Gln Val
```

690   695   700

Ser Val Pro Val Arg Leu Pro Ala Leu Gly Leu Gly Val Leu Gln Leu
705   710   715   720

Gln Leu Gly Leu Asp Gly His Arg Thr Leu Pro Ser Ser Val Arg Ile
              725   730   735

Tyr Leu His Gly Arg Gln Leu Ser Val Ser Arg His Glu Ala Phe Pro
              740   745   750

Leu Arg Val Ile Asp Ser Gly Thr Ser Asp Phe Ala Leu Ser Asn Arg
          755   760   765

Tyr Met Gln Val Trp Phe Ser Gly Leu Thr Gly Leu Leu Lys Ser Ile
    770   775   780

Arg Arg Val Asp Glu Glu His Glu Gln Gln Val Asp Met Gln Val Leu
785   790   795   800

Val Tyr Gly Thr Arg Thr Ser Lys Asp Lys Ser Gly Ala Tyr Leu Phe
              805   810   815

Leu Pro Asp Gly Glu Ala Ser Pro Thr Ser Pro Arg Ser Pro Pro Cys
          820   825   830

Cys Val Ser Leu Lys Ala Leu Ser Ser Gln Arg Trp Leu Arg Thr Met
          835   840   845

Ser Thr Phe Thr Arg Arg Ser Gly Phe Thr Ile Cys Gln Gly Trp Arg
    850   855   860

Gly Cys Leu Trp Thr Tyr His Pro Trp Trp Thr Ser Gly Thr Thr Ser
865   870   875   880

Thr Arg Ser Trp Pro Cys Thr Ser Ile Gln Thr Ser Thr Ala Arg Val
              885   890   895

Gln Pro Arg Arg Tyr Leu Lys Lys Leu Pro Leu Gln Ala Asn Phe Tyr
          900   905   910

Pro Met Pro Val Met Ala Tyr Ile Gln Asp Ala Gln Lys Arg Leu Thr
          915   920   925

Leu His Thr Ala Gln Ala Leu Gly Val Ser Ser Leu Lys Asp Gly Gln
    930   935   940

Leu Glu Val Ile Leu Asp Arg Arg Leu Met Gln Asp Asp Asn Arg Gly
945   950   955   960

Leu Gly Gln Gly Leu Lys Asp Asn Lys Arg Thr Cys Asn Arg Phe Arg

EX05-005patentin.txt
                965   970   975

Leu Leu Leu Glu Arg Arg Thr Val Gly Ser Glu Val Gln Asp Ser His
            980   985   990

Ser Thr Ser Tyr Pro Ser Leu Leu Ser His Leu Thr Ser Met Tyr Leu
            995   1000   1005

Asn Ala Pro Ala Leu Ala Leu Pro Val Ala Arg Met Gln Leu Pro
    1010   1015   1020

Gly Pro Gly Leu Arg Ser Phe His Pro Leu Ala Ser Ser Leu Pro
    1025   1030   1035

Cys Asp Phe His Leu Leu Asn Leu Arg Thr Leu Gln Ala Glu Glu
    1040   1045   1050

Asp Thr Leu Pro Ser Ala Glu Thr Ala Leu Ile Leu His Arg Lys
    1055   1060   1065

Gly Phe Asp Cys Gly Leu Glu Ala Lys Asn Leu Gly Phe Asn Cys
    1070   1075   1080

Thr Thr Ser Gln Gly Lys Val Ala Leu Gly Ser Leu Phe His Gly
    1085   1090   1095

Leu Asp Val Val Phe Leu Gln Pro Thr Ser Leu Thr Leu Leu Tyr
    1100   1105   1110

Pro Leu Ala Ser Pro Ser Asn Ser Thr Asp Val Tyr Leu Glu Pro
    1115   1120   1125

Met Glu Ile Ala Thr Phe Arg Leu Arg Leu Gly
    1130   1135